

- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

The diagram illustrates a medical device, likely a catheter, with a central shaft (1) containing multiple internal channels. A control system (10) is connected to the device via a cable (2). The system includes a pump (8) and a valve (9). The device has a proximal handle (11) and a distal tip (7) with a side branch (7a). Various components are labeled with numbers: 1 (shaft), 2 (cable), 3a, 3b, 3c, 3d (distal tip sections), 4 (proximal handle), 5 (internal channel), 6a, 6b (distal tip sections), 7 (side branch), 7a (side branch tip), 7b, 7c (side branch sections), 8 (pump), 9 (valve), 10 (control system), and 11 (proximal handle).

(57) Abstract: The plant for tomato juice concentration uses a falling-film evaporator (1) of known type, with an external sleeve (2) which surrounds a vertical bundle of tubes (3) divided into a plurality of sectors (3a, 3b, 3c and 3d), in which the tomato juice circulates at its latest in succession, and which is combined with a heat exchanger (7) of known type, which is arranged externally of the evaporator (1) and which is divided into a plurality of sectors (7a, 7b and 7c) in each of which the tomato juice is circulated and heated as it exits from a sector of tubes (3a, 3b, 3c) of the evaporator before being introduced into a successive sector. The plant also comprises (11) and which is divided into a plurality of sectors (11a, 11b and 11c) in each of which the tomato juice is circulated and heated as it enters from a sector of tubes (3a, 3b, 3c) of the evaporator from a bottom zone, being a separation chamber (5a) of the gas turbine (9) compresses it and reintroduces it into the central part (1a) of the evaporator. The compressor is powered by a gas turbine (9) of known type and in turn powered by live steam coming from a boiler (10). Steam discharging from the gas turbine (9) constitutes the heating fluid necessary for operating the plant.